

NINETY-NINTH

ANNUAL

CATALOGUE

—OF—

DICKINSON COLLEGE,

—FOR THE—

ACADEMICAL YEAR

1881~82.

CATALOGUE

OF

DICKINSON COLLEGE

FOR THE

ACADEMICAL YEAR

1881-82.



CARLISLE, PA.:
LANE S. HART, PRINTER, HARRISBURG, PA.
1882.



✧ BOARD OF TRUSTEES. ✧

NAMES.	RESIDENCES.	TERM EXPIRES.
JAS. A. McCAULEY, D. D., <i>ex officio</i> .,	Carlisle.	
Rev. Bishop LEVI SCOTT, D. D.,	Odessa, Del., . . .	1885
Rev. Bishop M. SIMPSON, D. D.,	Philadelphia, . . .	1885
Hon. A. HERR SMITH,	Lancaster, . . .	1884
CHRISTIAN STAYMAN,*	Carlisle,	1882
JOHN F. BIRD, M. D.,	Philadelphia, . . .	1885
Col. JOHN A. WRIGHT,	Philadelphia, . . .	1882
Rev. WILLIAM E. PERRY,	Somer's Point, N. J.,	1883
JOHN CARSON, Esq.,	Baltimore, Md.,	1882
WILLIAM R. WOODWARD, Esq.,	Washington, D. C.,	1885
Gen. JAMES F. RUSLING,	Trenton, N. J.,	1883
FRANCIS A. CROOK,	Baltimore, Md.,	1882
THOMAS G. CHATTLE, M. D.,	Long Branch, N. J.,	1883
Rev. JOHN S. DEALE, D. D.,	Washington, D. C.,	1885
CHARLES J. BAKER, Esq.,	Baltimore, Md.,	1885
Rev. A. E. GIBSON, D. D.,	Baltimore, Md.,	1883
W. H. BODINE, Esq.,	Williamstown, N. J.,	1883
ALBERT H. SLAPE, Esq.,	Salem, N. J.,	1883
Rev. J. B. QUIGG,	Wilmington, Del.,	1883
Rev. T. MITCHELL, D. D.,	Huntingdon,	1882
JOHN WILSON,	Ridley Park,	1882
Rev. J. B. GRAW, D. D.,	Camden, N. J.,	1885
Rev. ARTHUR W. MILBY,	Denton, Md., . . .	1884
LOUIS E. McCOMAS, Esq.,	Hagerstown, Md.,	1884
JOSEPH W. HENDRIX, M. D.,	New Oxford,	1884
Rev. S. L. BOWMAN, D. D.,	Morristown, N. J.,	1882
WILLIAM J. SIBLEY,	Washington, D. C.,	1884
JOHN M. CURTIS, M. D.,	Wilmington, Del.,	1884
THOMAS MALLALIEU,	Millington, Md.,	1882

* Died, September 14, 1881.

NAMES.	RESIDENCES.	TERM EXPIRES.
WILBUR F. SADLER, Esq.,	Carlisle,	1884
CHARLES H. MULLIN, Esq.,	Mt. Holly Springs,	1884
HON. CHARLES E. HENDRICKSON,	Mt. Holly, N. J.,	1885
JOHN T. MITCHELL, Esq.,	Washington, D. C.,	1885
CHARLES W. MCKEEHAN, Esq.,	Philadelphia,	1883
REV. WILLIAM J. PAXSON,	Philadelphia,	1884
J. H. GROVES, Esq.,	Smyrna, Del.,	1884
REV. J. HEPBURN HARGIS,	Philadelphia,	1883
M. W. JACKSON, Esq.,	Berwick,	1882
HON. J. B. STORM,	Stroudsburg,	1882
REV. WILLIAM L. BOSWELL,	Philadelphia,	1883
HUGH PITCAIRN, M. D.,	Harrisburg,	1885

OFFICERS OF THE BOARD.

Rev. JAMES A. McCAULEY, D. D., President.

Prof. CHARLES F. HIMES, Ph. D., Secretary and Treasurer.

GENERAL EXECUTIVE COMMITTEE.

Col. JOHN A. WRIGHT,

W. H. BODINE, Esq.,

WILLIAM R. WOODWARD, Esq.,

Rev. T. MITCHELL, D. D.,

Rev. ARTHUR W. MILBY.

LOCAL EXECUTIVE COMMITTEE.

CHRISTIAN STAYMAN,*

WILBUR F. SADLER, Esq.,

CHARLES H. MULLIN, Esq.

* Died, September 14, 1881.

❧CONFERENCE VISITORS.❧

1881.

Baltimore Conference :

Rev. J. C. HAGEY,
Rev. J. B. STITT,
BENTLEY KERN, Esq.,
GERMAN H. HUNT, Esq.

Philadelphia Conference :

Rev. W. C. ROBINSON,
Rev. R. J. CARSON,
PETER LAMB, Esq.,
S. P. DARLINGTON, Esq.

Central Pennsylvania Conference :

Rev. J. B. MANN,
Rev. T. M. REESE,
Rev. S. C. SWALLOW,
R. WOODIN, Esq.,
Col. F. A. AWL.

New Jersey Conference :

Rev. JEFFERSON LEWIS, D. D.

Wilmington Conference :

Rev. W. T. DAVIS,
Rev. B. W. CHASE.
H. C. CONRAD, Esq.,
I. T. MATTHEWS, Esq.

Alumni Visitors to the Board of Trustees, 1881-82 :

HORATIO C. KING, Esq.,
Rev. B. C. LIPPINCOTT,
J. V. SHOEMAKER, M. D.,
FREDERICK F. McCOMAS, Esq.,
JAMES BARTON, Jr., Esq.

➤ FACULTY. ➤

Rev. JAMES A. McCAULEY, D. D., PRESIDENT,
AND PROFESSOR OF MORAL SCIENCE.

CHARLES F. HIMES, PH. D.,
PROFESSOR OF NATURAL SCIENCE, AND CURATOR OF THE MUSEUM.

Rev. HENRY M. HARMAN, D. D.,
PROFESSOR OF GREEK AND HEBREW.

Hon. JAMES H. GRAHAM, LL. D.,
PROFESSOR OF LAW.

Rev. JOSHUA A. LIPPINCOTT, A. M.,
PROFESSOR OF MATHEMATICS AND ASTRONOMY.

Rev. CHARLES J. LITTLE, A. M.,
PROFESSOR OF PHILOSOPHY AND ENGLISH LITERATURE.

Rev. HENRY C. WHITING, PH. D.,
PROFESSOR OF LATIN AND GERMAN.

PROFESSOR OF MILITARY SCIENCE AND TACTICS.

DEGREES CONFERRED, JUNE 30, 1881.

IN COURSE. BACHELOR OF ARTS.

ISRAEL, GEORGE R., *Primus inter Pares.*
 CLICKNER, GEORGE M., ISRAEL, W. ROGERS,
 COLLINS, VAUGHN S., LINVILLE, EDWIN H.,
 GAMEWELL, FRANK D., ROBINSON, HARRY R.,
 HUMRICH CHARLES F., RORER, CHARLES H.,
 THOMAS, J. WESLEY.

MASTER OF ARTS.

ROTH, HENRY R., of the Class of 1875.
 BOND, GEORGE W., " 1877.
 BROWN, JOHN C., " 1878.
 DIVEN, SAMUEL L., " 1878.
 GLANDING, WILLIAM B., " 1878.
 KING, GEORGE E., " 1878.
 MORGAN, J. HARRY, " 1878.

HONORARY DEGREES.

A. M.

Rev. GEORGE W. MILLER,
 Rev. DAVID H. SHOCK.

PH. D.

PHILIP M. LEAKIN, A. M.

D. D.

Rev. J. B. VAN METER, A. M.,
 Rev. WILLIAM M. FRYINGER, A. M.
 Rev. GEORGE K. MORRIS, A. M.

LL. D.

Prof. WILLIAM M. NEVIN.

SENIOR CLASS.

NAMES.	RESIDENCES.	ROOMS.
BROWN, PEYTON,	Washington, D. C., . . .	47 W. C.
CARE, ROGER S.,	Linglestown,	2 E. C.
CHAMPION, JOSEPH V., . . .	Moorfield, W. Va., . . .	50 W. C.
COLAW, J. MARVIN,	New Hampden, Va., . . .	10 E. C.
COULSTON, R. NEWTON, . . .	Philadelphia,	39 E. C.
DEALE, HARRY B.,	Washington, D. C., . . .	47 W. C.
ECKERSLEY, JAMES,*	Cornwall, Eng.,	41 E. C.
EVANS, STEPHEN H.,	Philadelphia,	39 E. C.
HARRISON, EDWARD H., . . .	Cranfield, N. J.,	26 E. C.
HIGGINS, JAMES,	Linkwood, Md.,	13 E. C.
HILLS, PHILIP S.,	Mill Hall,	25 E. C.
KLEINHENN, GEORGE E., . . .	Philadelphia,	46 W. C.
RAWLINS, THOMAS N.,	Wilmington, Del., . . .	38 E. C.
SNIVELY, S. F.,	Greencastle,	43 W. C.
SPANGLER, H. W.,	Greencastle,	10 E. C.
STOGDEN, OLIVER E.,	Chester,	46 W. C.
STUART, WILLIAM J.,	Philadelphia,	Mrs. Stuart's.
STULL, GEORGE C.,	Trenton, N. J.,	42 E. C.
STRITE, A. C.,	Lietersburg, Md., . . .	50 W. C.
WOLFE, HORACE F.,	Geigertown,	11 E. C.

LATIN SCIENTIFIC COURSE.

APPOLD, L. T.,	Baltimore, Md.,	8 E. C.
BERGSTRESSER, F. A.,	New Grenada,	25 E. C.
CALLAWAY, H. S.,	Honey Brook,	40 W. C.
REANEY, JAMES, junior, . . .	Baltimore, Md.,	9 E. C.
ROBINSON, WILLIAM C.,	Chester,	40 E. C.

* Partial Course.

JUNIOR CLASS.

NAMES.	RESIDENCES.	ROOMS.
BENDER, FRANK S.,*	Carlisle, . Mr. Godfrey Bender's.	
BOND, FRANKLIN F.,*	Philadelphia,	5 E. C.
BOSLER, HERMAN E., . . .	Carlisle, Mr. J. H. Bosler's.	
CARROLL, WILLIAM A., . . .	Galestown, Md.,	30 E. C.
CHESSMAN, HENRY N., . . .	Swedesborough, N. J.,	28 E. C.
DARE, WILLIAM K.,	Harrisonville, N. J.,	14 E. C.
ECKELS, WILLIAM A.,	Carlisle, Mr. John C. Eckels'.	
GRAHAM, FRANK G.,	Carlisle, Judge J. H. Graham's.	
HOPKINS, GEORGE F.,	Farmington, Del.,	37 E. C.
HUGHES, BRUCE,	Phillipsburg,	43 E. C.
KRAMER, W. A.,	Carlisle, Mr. Fred. C. Kramer's.	
LEIDIGH, H. M.,	Allen,	1 E. C.
McKINLAY, JAMES S.,† . . .	Colman,	5 E. C.
NORRIS, WILLIAM B.,	Baltimore, Md.,	16 E. C.
RHEY, J. M.,	Carlisle, Mrs. Rhey's.	
SHARP, A. A.,	Carlisle, Mrs. M. T. W. Sharp's.	
STRAWBRIDGE, JAMES B, . . .	Lewisburg,	3 E. C.
WAGNER, M.,	Carlisle, Mrs. Sarah Wagner's.	
WEVER, A. W.,	Absecon, N. J.,	23 W. C.

LATIN SCIENTIFIC COURSE.

BILGER, GEORGE M.,*	Curwensville,	31 E. C.
GIBBS, S. WILBUR,	Pemberton, N. J.,	40 W. C.
HAINES, WILLIAM K.,	Vincentown, N. J., Dr. Whiting's.	
SCHWARTZ, G. W.,	Philadelphia, Mrs. D. Ralston's.	

* Requisitions.

† Partial Course.

SOPHOMORE CLASS.

NAMES.	RESIDENCES.	ROOMS.
ADDAMS, CHARLES P., . . .	Carlisle, . . . Rev. Geo. E. Addams'.	
ARTHUR, AMOS A.,† . . .	Reading, . . .	25 W. C.
BENDER, H. L., . . .	Chambersburg, . . .	20 E. C.
BOSWELL, RUSSELL T., . . .	Philadelphia, . . .	44 W. C.
FROST, W. MILTON, . . .	Mount Carmel, . . .	2 E. C.
HARBAUGH, A. J., . . .	Leitersburg, Md., . . .	37 E. C.
ILGENFRITZ, ELMER E., . . .	York, . . .	24 E. C.
LIPPINCOTT, J. BARLOW, . . .	Carlisle, . . . Prof. J. A. Lippincott's.	
MADDEN, THOMAS F., . . .	Carlisle, . . . Mrs. P. Madden's.	
MUMPER, GEORGE B., . . .	New Cumberland, . . .	33 E. C.
NESBITT, CLARENCE S., . . .	Port Deposit, Md., . . .	15 E. C.
NORRIS, RICHARD C., . . .	Baltimore, Md., . . .	16 E. C.
PERKINPINE, J. WESLEY, . . .	Philadelphia, . . .	23 E. C.
POWELL, ROLAND D.,* . . .	Philadelphia, . . .	34 E. C.
RAYMOND, JAMES K., . . .	Middletown, . . .	48 W. C.
STAYMAN, FRANK B., . . .	Mechanicsburg, Mrs. C. Stayman's.	
STRITE, J. A., . . .	Leitersburg, Md., . . .	50 W. C.
THOMPSON, A. A.,† . . .	Philadelphia, . . .	23 E. C.
WAITNEIGHT, HARRY P., . . .	Phoenixville, . . .	26 E. C.
WOOD, ISAAC L., . . .	Centerville, Md., . . .	20 E. C.

*Requisitions.

† Partial Course.

FRESHMAN CLASS.

NAMES.	RESIDENCES.	ROOMS.
BROWN, DAVID,*	Philadelphia,	11 E. C.
CARPENTER, SELAH J.,	Aurora, N. Y., . Mrs. D. Ralston's.	
CUMMINGS, J. M.,	Baltimore, Md.,	48 W. C.
ECKELS, C. E.,*	Carlisle, . . Mr. Jno. C. Eckels'.	
GIBB, JAMES J.,	Franklin City, Va., . . .	15 E. C.
GEPHART, JAMES M.,* <i>Lat. Sci.</i>	Millheim, . . Mr. J. P. Zeigler's.	
HENCH, GEORGE A.,	Carlisle, . . Mr. George Hench's.	
JOHNS, R. L., <i>Lat. Sci.</i>	Washington, D. C., . . .	22 W. C.
JONES, D. B.,	Concord, Md.,	38 E. C.
KENNARD, G. H.,†	Baltimore, Md.,	4 E. C.
LAMAR, H. E.,	Martinsburg, W. Va., . .	23 W. C.
LINDSEY, EDWIN J.,	Carlisle, . . . Mr. J. F. Lindsey's.	
MAGEE, LE ROY W.,	Booths' Corner,	36 E. C.
MOWBRAY, ALPHEUS S.,	Preston, Md.,	37 E. C.
OSBORN, ELBERT W.,	W. Winsted, Conn., Mrs. D. Ralston's.	
PAGUE, BEMER S.,†	Carlisle, . . . Mr. S. A. Pague's.	
PARDOE, CHARLES S.,*	Sunbury,	41 W. C.
PETTINOS, GEORGE,	Carlisle, . . Mrs. S. J. Pettinos'.	
PORTER, GIBSON,* <i>Lat. Sci.</i>	Lonaconing, Md., . . .	44 W. C.
RHODES, R. M.,* <i>Lat. Sci.</i>	Greencastle,	43 W. C.
SELLERS, A. M.,*	New Kingston.	
STEIN, H. M.,†	Harrisburg,	3 E. C.
STEVENS, MARTIN B.,	Burrsville, Md.,	29 E. C.
STEVENS, THEO.,* <i>Lat. Sci.</i>	Germantown,	25 W. C.
STEVICK, GUY L. R.,*	Carlisle, . . Mr. D. B. Stevick's.	
TROUT, HENRY G., <i>Lat. Sci.</i>	Philadelphia,	18 E. C.
WALKER, G. W., <i>Lat. Sci.</i>	Alexandria,	Miss Harn's.
WHITE, R. W., <i>Lat. Sci.</i>	Chambersburg, Miss S. R. Murray's.	

* Requisitions.

† Partial Course.

BIBLICAL ELECTIVE COURSE.

SENIOR SECTION.

EVANS, STEPHEN H.,
KLEINHENN, GEORGE E.,

STOGDEN, OLIVER E.,
STUART, WILLIAM J.,

STULL, GEORGE C.

JUNIOR SECTION.

BOND, FRANKLIN F.,
CARROLL, WILLIAM A.,
CHEESMAN, HENRY N.,
ECKELS, WILLIAM A.,

HOPKINS, GEORGE F.,
McKINLAY, JAMES S.,
WAGNER, M.,
WEVER, A. A.

SCIENTIFIC ELECTIVE COURSE.

SENIOR SECTION.

APPOLD, L. T.,
BROWN, PEYTON,
CALLAWAY, H. S.,
CARE, ROGER S.,
CHAMPION, JOSEPH V.,
HIGGINS, JAMES,

HILLS, P. S.
RAWLINGS, THOMAS N.,
REANEY, JAMES, Jr.,
ROBINSON, WILLIAM C.,
SPANGLER, H. W.,
WOLFE, H. S.

JUNIOR SECTION.

BENDER, F. S.,
BILGER, GEORGE M.,
BOSLER, HERMAN E.,
DARE, WILLIAM K.,
GIBBS, S. WILBUR,
HAINES, WILLIAM K.,

HUGHES, BRUCE,
KRAMER, WILLIAM A.,
LEIDIGH, H. M.,
SCHWARTZ, GEORGE W.,
SHARPE, A. A.,
STRAWBRIDGE, JAMES B.

ABBREVIATIONS.

E. C.—East College.

W. C.—West College.

Lat. Sci.—Latin Scientific Course.

TERMS OF ADMISSION.

Candidates for admission must produce testimonials of good moral character; and, if from another College, evidence of regular dismissal.

The proper time for examination is on Wednesday preceding Commencement, and the day before the opening of the Fall session.

Students are admitted only on examination, both of the preparatory studies and of those previously pursued by the class, which they desire to enter. When admitted to an advanced class, a fee of five dollars is charged for each year's advancement, except when the student comes from another College.

Candidates for the Freshman Class are examined on the following books and subjects:

ENGLISH.

Grammar; Geography; a thorough knowledge of which is required.

MATHEMATICS.

Arithmetic; Algebra, through quadratic equations (Loomis' Treatise, or Greenleaf's Higher;) Geometry; Four books of Chauvenet, or five of Loomis.

LATIN.

Allen and Greenough's Grammar, including the rules of Prosody and Scanning; Cæsar, (three books;) Cicero, (six orations, of which that for the Poet Archias must be one;) Virgil's *Æneid*, (six books;) Arnold's Latin Prose Composition, (first twelve chapters.)

GREEK.

Goodwin's or Hadley's Grammar; Xenophon's *Anabasis* (first four books;) Jacob's Reader, or three books of Homer's *Iliad*.

Candidates for admission to the LATIN SCIENTIFIC COURSE are examined on all the above branches, except the Greek.

→✦COURSE OF STUDY.✦←

FRESHMAN CLASS.

Classics,	{	<i>Greek</i> —Selections, (Boise & Freeman;)
		Herodotus: Invasion of Greece;
		Arian: Expedition of Alexander;
		Homer: Odyssey.
		Memorabilia of Xenophon.
		Prose Composition, (Arnold.)
		<i>Latin</i> —Livy: Punic War, 22 Book, (Lincoln.)
		Horace; Odes & Epodes, (Lincoln.)
		Cicero: De Senecute & De Amicitia (Chase and Stuart.)
		Prose Composition, (Arnold.)
Mathematics, . . .	{	Classical Literature and Antiquities, (Fiske.)
		Algebra—Newcomb's.
English,	{	Elements of Geometry, (Chauvenet.)
		Composition.
		Trench's Past and Present.
	{	Freeman's General Sketch of History.

SOPHOMORE CLASS.

Classics	{	<i>Greek</i> —Memorabilia, completed.
		Plato: Apology and Crito.
		Demosthenes: De Corona.
		<i>Latin</i> —Seneca: Moral Essays, (Hurst and Whiting.)
		Cicero: De Oratore.
		Tacitus: Histories, or Germania and Agricola, (Tyler.)
		Prose Composition, (Arnold.)
		Archæology of Greek and Roman Literature and Art.

Mathematics, . . .	{	Plane and Spherical Trigonometry. Mensuration and Surveying. Analytical Geometry, (Todhunter's Comic Sections.)
English,	{	Rhetoric—Bain. Political Economy—Fawcett. Principles of Elocution. Private Declamation. Constitution of the United States—Judge Story.
Modern Languages, .	{	<i>German</i> —Whitney's Grammar and Reader.

JUNIOR CLASS.

Classics,	{	<i>Greek</i> —Demosthenes : De Corona, completed. Æschylus : Prometheus. <i>Latin</i> —Horace : Satires and Ars Poetica, (Lincoln.) Juvenal, (Chase,) or Perseus, (Gildersleve.) Latin Literature—Lectures.
Mathematics,	{	Byerly's Calculus.
English,	{	Logic—Jevons'. History of Civilization—Guizot's. Lectures on Ancient History. Public Declamation.
Natural Science, .	{	Chemistry—with Lectures. Physics, (begun)—with Lectures. <i>Elective in place of Greek :</i> Experimental Course in General Chemistry. Laboratory Practice ; Qualitative Analysis—Will's Tables, (Himes' Third Edition.)
Biblical,	{	Greek Testament—Grammar of its Diction. Hebrew Grammar—Roediger's Gesenius. Historical Parts of the Hebrew Bible. Criticisms and Exegesis, with Lectures. <i>Elective in place of Calculus :</i> Hebrew—Grammar and Translation.
Ethics,	{	Moral Philosophy.

Modern Languages,	{	<i>French</i> —Moliere.
	{	<i>German</i> —Schiller and Goethe.

♦ ♦ ♦

SENIOR CLASS.

Classics,	{	<i>Greek</i> —Æschylus : Prometheus, completed. Euripides : Alcestis.
	{	<i>Latin</i> —Plautus (Harrington,) or Terence. Quintillian (Frieze,) or Lucretius. Early Latin—Lectures.
Mathematics,	{	Bartlett's Spherical Astronomy.
	{	Psychology—Day.
	{	Lectures on History of Philosophy.
English,	{	Bacon's Essays.
	{	Selections from Shakspeare.
	{	English Literature—Morley.
	{	Public Declamation of Original Essays.
	{	Physics, (completed,) with Lectures.
	{	Geology—Dana's text-book with Specimens. <i>Elective in place of Latin and Greek.</i>
	{	Qualitative Analysis.
Natural Science,	{	Bunsen's Flame Reactions—(Himes' Edition.)
	{	Quantitative Analysis.
	{	Experiments in Physics.
	{	Experimental Lectures by the Students.
	{	Special Course for Teachers.
	{	<i>French</i> —Racine.
	{	<i>German</i> —Lessing and Goethe.
Modern Languages,	{	Written Translations from English into German.
	{	Lectures on German Literature.
	{	<i>Hebrew</i> —Grammar, Roediger's Gesenius.
	{	Translation : Psalms and Prophets.
Biblical,	{	Criticisms and Exegesis, with Lectures. <i>Elective in place of Latin and Classic Greek.</i>
	{	Hebrew and Biblical Archæology.
Ethics,	{	Butler's Analogy.

BIBLICAL ELECTIVE COURSE.

Students preparing for the Christian Ministry are allowed to take Hebrew and New Testament Greek in their Junior and Senior years, in place of equivalent studies, chiefly mathematical, and graduate Bachelor of Arts. The following works are used as text or reference books: Hahn's Hebrew Bible; Gesenius' Hebrew Grammar, by Roediger; Gesenius' or Fuerst's Hebrew Lexicon; Winer's Chaldee Grammar; Tischendorf's Greek Testament, 8th critical edition; Winer's Grammar of New Testament Diction; Robinson's Lexicon of the New Testament Greek.

A Bible Class, in which the original Scriptures are critically examined, and the received text compared with the readings of the most noted and valuable of the ancient manuscripts, is conducted by Professor Harman, every Sabbath afternoon. All the students have the privilege of attending this instructive exercise.

The patronizing Conferences direct the attention of young men who are candidates for the Ministry, to this course, in the following preamble and resolution:

WHEREAS, Dickinson College provides for a course of instruction in the elements of Moral and Biblical Science and Literature; and

WHEREAS, This course is adjusted to the wants of those young men who are preparing for the ministry, and who cannot take the full classical course; therefore,

Resolved, That we advise those young men within our bounds, who feel called to preach the Gospel, to avail themselves, as far as practicable, of the advantages of this course of instruction.

SCIENTIFIC ELECTIVE COURSE.

Practical scientific studies may be substituted for the Greek of the Junior year, and for the Greek and Latin of the Senior year; and the students thus electing are graduated with the usual degree of Bachelor of Arts.

Students in the Latin-Scientific course are required to work in the Laboratory.

The course is also open to all students as additional work, if, in the judgment of the Faculty, such work will not interfere with their regular studies.

The practical exercises in the laboratory are arranged and conducted with a view to mental discipline, as well as for more thorough instruction in Natural Science than can be embraced in the general course of study, and are adapted in each case to the previous training, and, when desired, to the future pursuits of the students.

Each student is provided with a desk and apparatus necessary for the performance of the experiments, under the supervision and instruction of the professor.

The work assigned the student, upon entrance into the laboratory, consists in such experiments in general chemistry and rudimentary chemical analysis as may tend to promote familiarity with the general facts and principles of science, and with scientific modes of reasoning, as well as to facilitate the acquisition of skill in the manipulation of apparatus. The subsequent course is selected from the following in accordance with the interests of the student, and the degree of proficiency manifested.

Qualitative Analysis, including blowpipe-Analysis and determination of the commoner minerals, &c.

Quantitative Analysis of ores, industrial products, &c.—Volumetric and Gravimetric.

Medical Chemistry. — Urinary-Analysis, Testing of drugs, water, &c.

Legal Chemistry.—Toxicology, testing for adulterations, &c.

Photographic Chemistry.—Negative processes with the Camera, collodion, wet and dry, and emulsion processes; positive processes, on glass, printing with salts of silver, of iron, and of platinum, carbon printing, &c.; reduction of photographic waste; preparation of photographic chemicals, &c.

Experimental Course in Physics.—Including experiments in Light, Electricity, Heat, and Sound, Lantern projections, the use of the Spectroscope, Photometer, Camera, &c.

Teachers' Course, embracing instruction in the use and care of apparatus employed for illustration in Natural Philosophy and

Chemistry, and the performance, *by means of the simplest and least expensive apparatus*, of the experiments adapted to instruction of classes in those branches.

The reading of current scientific periodicals is encouraged, and items selected from them, of general as well as of purely scientific interest, are frequently brought to the notice of the students, accompanied by suitable illustrations.

The members of the Senior Class, in the elective course, are required, as part of their regular work, to deliver experimental lectures on the subjects upon which they are engaged, before the students in this department, who have organized themselves into a society for the promotion of its interest.

As a general incentive to application, increased facilities for study, in the way of apparatus and laboratory privileges, are afforded to such as make the most satisfactory progress; and where the student is sufficiently proficient he is permitted, and encouraged, to use text-books, and books of reference in the German language, in the laboratory.

Copies of Fresenius' Qualitative and Quantitative Analysis and Will's Tables for Qualitative Analysis, (Himes' third edition,) are furnished for the use of the students, upon payment of an advance fee of five dollars, which is refunded upon return of the books at the close of the session.

General books of reference, special treatises, and various scientific journals are accessible to the student in the laboratory library, as well as that of the professor, including:

Gmelin's Hand-book of Chemistry,	Dana's Text-book of Mineralogy,
Brush's Blowpipe Analysis,	
Watt's Dictionary of Chemistry,	Wood & Bache's U. S. Dispensary,
Ure's Dictionary of Arts, &c.,	
Miller's Elements of Chemistry,	Bowman's Medical Chemistry,
Roscoe & Schorlemmer's Chemistry,	Wormley's Micro-Chemistry of Poisons,
Plattner's Blowpipe Analysis,	Pickering's Physical Manipulations,
Will's Analytical Outlines,	
Sutton's Volumetric Analysis,	Mayer's Experimental Science,
Bunsen's Flame Re-actions,	Sound and Light,
(Himes'),	Dolbear's Art of Projecting,
Dana's Descriptive Mineralogy,	Schellen's Spectrum Analysis,

Vogel's & Lea's Photography,	Scientific American,
Himes' Leaf-Prints,	Scientific American Supplement,
Gray's Botanical Works,	Franklin Institute Journal,
Silliman's Journal,	Young Scientist,
American Chemical Journal,	Philadelphia Photographer,
Boston Journal of Chemistry,	Photograpisches Archiv.
Popular Science Monthly,	

A prize, called the Scientific Society's Prize, is given to the member of the Senior Class who may give the fullest and most scientific accounts of experiments made upon some subject, selected by the Scientific Society, and approved by the Professor.

LATIN-SCIENTIFIC COURSE.

Influenced by a desire to meet the wants of that class of young men who covet for themselves the advantages of college instruction and associations, but whose circumstances do not permit, or whose tastes do not incline, them to complete the full classical course, the trustees have established a LATIN-SCIENTIFIC COURSE. The studies of the regular course, with the exception of Greek, are so arranged as to constitute a three years' course, affording such as find it necessary or desirable to omit that study, favorable opportunities for mental training and liberal culture. The degree of Bachelor of Philosophy is conferred on those who satisfactorily complete the studies of this course.

SELECTION OF STUDIES.

The selection of any course of study must be made for the whole collegiate year; and changes from one course to another during the year cannot be allowed. The selection, in all cases, is subject to the approval of the Faculty, and the student is required to notify the President of the course he desires to pursue at the opening of the term.

EXTRA ELECTIVE STUDIES.

Any elective studies are also open, as additional studies, to students pursuing any one of the regular courses for graduation, if, in the judgment of the Faculty, such additional work does not interfere with their regular studies; and the taking of such extra work by any student is indicated in the catalogue, and will be recognized by a certificate to that effect when desired.

PARTIAL COURSE.

A partial course, covering about two years, and embracing such studies from the regular curriculum and elective courses as bear directly upon their future vocation, can be pursued by students not intending to graduate.

EXAMINATIONS.

1. Of all the classes at the close of the Fall Term, on the studies of the term.
 2. Of the Senior class, three weeks before Commencement.
 3. Of the other classes, the week before Commencement, on the studies of the Winter and Spring terms.
 4. Of candidates for admission, the Wednesday of Commencement week, and the day before the opening of each term.
-

DEGREES.

The degrees, in course, conferred by the College, are the following:

- I. BACHELOR OF ARTS.—Students, who have completed in a satisfactory manner the regular or prescribed elective studies embraced in the classical course, receive the degree of Bachelor of Arts.

2. MASTER OF ARTS.—Bachelors of Arts of three or more years' standing, who have meanwhile sustained a good moral character, are entitled, on application, to receive the degree of Master of Arts. Applications for this degree should be made to the President, at least two weeks before the commencement, and should be accompanied by the usual fee.

3. BACHELOR OF PHILOSOPHY.—This degree is conferred on those who complete, in a satisfactory manner, the studies embraced in the Latin-Scientific course.

TERMS AND VACATIONS.

The college year is divided into three terms: The first beginning on the second Thursday in September, and ending on the Wednesday preceding Christmas; the second beginning two weeks from the termination of the first, and ending on the Thursday preceding Easter; the third beginning on the Tuesday following Easter, and closing at Commencement, the last Thursday in June.

METHOD OF INSTRUCTION.

At the daily recitations, where the text admits of it, the catechetical method of instruction is avoided, as much as possible, and the student required to give a connected view of the subject in his own language, and without the aid of the Professor, except on points not fully treated by the author, thus cultivating at once the powers of memory, thought, and discourse.

When a subject is susceptible of it, a written analysis of the lesson may be required; and a written analysis of the whole work at the examination.

The instruction of PHILOSOPHY AND ENGLISH LITERATURE is given partly by recitations in History, Rhetoric, Logic, Political Economy, Metaphysics, and Constitutional Law, and partly by lectures on the English Language and Literature, the Philosophy of History and Polity, and the History of Philosophy. Practical

exercises in Writing and Speaking also receive special attention in this department.

In NATURAL SCIENCE, the general course includes recitations from text-books, and lectures accompanied by illustrations and experiments; and the Elective course, in addition, practice in the laboratory, and lectures by the students.

In the MATHEMATICAL department there are daily recitations. In the senior year, lectures are given on the theories and applications of the higher branches.

In the CLASSICAL department it frequently happens that either different authors, or different portions of the same author, are read by the same classes; but this fact does not affect the amount of Greek and Latin required of those who apply for admission to the higher classes.

PUBLIC WORSHIP.

Religious service is held in the chapel every morning. The students are also required to attend public worship twice on the Sabbath, at such church as their parents or guardians may designate.

LIBRARIES.

The College Library contains 8,124 volumes.

The Library of the Belles Lettres Society, . . . 10,290 volumes.

The Library of the Union Philosophical Society, 10,518 volumes.

These are accessible to all students, and, except in vacation, are opened as follows:

The College Library, every Saturday, at 11 o'clock, A. M.

The Society Libraries, every Wednesday and Saturday, at 1 o'clock, P. M.

READING-ROOM.

The College reading-room is conducted by the Literary Societies, under the supervision of the Faculty. The hall appropriated

to its uses is commodious, well-lighted, and supplied with the conveniences usually found in well-appointed reading-rooms. In addition to the opportunities for profitable reading furnished by the libraries, access is thus afforded to a wide range of choice current literature, the room being supplied with a number of the best English and American periodicals, and having on its files many of the leading religious and secular newspapers of the day.

LITERARY SOCIETIES.

The Belles Lettres and the Union Philosophical Societies, purely literary in their character, were nearly coeval in their origin with the founding of the College, and have been maintained in continuous operation throughout its history. During this period they have accumulated large and valuable libraries, to which they are adding yearly many of the best issues of the press. By means of these, as also of their weekly exercises, they exert a highly beneficial influence. Their associations are among the fondest memories of college life, and not the least of the advantages of college residence is the special training they impart.

MUSEUM.

The College Museum contains specimens in Mineralogy, Geology, and Natural History, adapted to instruction, including a collection of minerals bequeathed to the College by S. Ashmead, Esq., of Philadelphia, and a suite of one hundred and forty rocks of the Mt. Blanc chain, added out of the interest of donation of J. W. Hendrix, M. D., supplementing a plaster model of that chain previously presented by Dr. Durbin.

PHILOSOPHICAL AND CHEMICAL APPARATUS.

The apparatus employed for illustration in the General Course of study is valuable, and annually increasing. The apparatus in

the Laboratory for the use of the students is adapted to the wants of the Elective Course. A fee of one dollar, paid by each student, the special laboratory fee of those taking the Elective Course, and the interest of certain donations, made for this purpose, are applied to its increase and use. A large Compound Burning-Glass, larger lens, 18 inches in diameter, once the property of Priestley, and the Rotascope employed by Professor Walter Johnson, are of special historical interest. Amongst more recently added pieces are a Lime-Light Lantern, Gas Microscope, and Table Microscope, manufactured by Zentmayer; Carre Ice Machine, Bourdon's Apparatus for the demonstration of the *vis-viva* of projectiles, Centrifugal railway, by Salleron, of Paris; Induction Coil, with Geissler tubes and rotators, by Ruhmkorff; Bunsen Battery of 40 cells, with 11-inch carbons; Dipping Battery, by Desaga; Bunsen's Photometer; Cathetometer; Electric Lamp; an improved Holtz Electric Machine, with extra condensers and complete accessories for piercing glass, &c., manufactured by Borchardt, of Hanover, Germany, presented by J. W. Hendrix, M. D.; by interest of donation of J. C. Rives, M. D., a Polariscope, and Crooks' Radiometer; a Binocular Microscope, with accessories, manufactured by Beck, of London, presented to the College by Professor T. G. Wormley, M. D., of the class of 1848.

ASTRONOMICAL OBSERVATORY.

The College has facilities for instruction in the Department of Astronomy. The Astronomical Observatory is provided with an Achromatic Telescope, manufactured by Henry Fitz, of New York. This telescope has an object glass of five inches, with a focal distance of seven feet, is equatorially mounted, and furnished with right ascension and declination circles.

PRIZES.

By the liberality of Daniel Pierson, Esq., of Newark, New Jersey, the College has been furnished with funds to be appropriated

as prizes for oratory. These prizes are in the form of a gold and a silver medal, to be given to such members of the Junior class as excel in the combined merits of Declamation and Composition. The prizes are known as

THE PIERSON PRIZES.

Awards for 1881.

GOLD MEDAL—R. Newton Coulston.

SILVER MEDAL—Edward H. Harrison.

SCIENTIFIC SOCIETY PRIZE.

To a member of the Senior Class for the best experimental treatment of some subject selected by the Society.

No award for 1881.

BELLES LETTRES SOCIETY SOPHOMORE PRIZE.

UNION PHILOSOPHICAL SOCIETY SOPHOMORE PRIZE.

As an incitement and means to improvement in composition and declamation, at an early stage in the College course, the Belles Letters and the Union Philosophical Societies have each instituted a yearly contest therein for their respective members from the Sophomore Class. All the members of this class in the two Societies have the option of competing, and a gold medal is awarded the contestant in each exhibiting the highest degree of excellence in the arts to which the competition relates, as decided by judges chosen by their respective Societies.

Awards for 1881.

BELLES LETTRES SOCIETY—William A. Kramer.

UNION PHILOSOPHICAL SOCIETY—No award.

TUITION AND SCHOLARSHIPS.

Attention is especially requested to the following regulations:

1. But one student can enjoy the use of the same certificate of scholarship at one time.
2. Presentation of a scholarship to the Treasurer within thirty

days after the entrance of a student is required. Otherwise, tuition will be charged.

3. For the use of scholarships, except in cases of sons or wards, the consent of the owner must be presented in writing.

4. Transfer of scholarships can be made only on written order of the owner, or his legal representative.

5. A scholarship for twenty-five years can be converted into four of five years each; one of ten years, into two of four years each, and a perpetual scholarship, into four of four years each. In case a portion of the scholarship to be converted has been consumed, so much will be deducted from one or more of the new certificates.

6. New certificates can be issued in place of lost ones, only after satisfying the President of their existence and loss, and after receipt by the Treasurer of a copy of the newspaper of the county wherein the owner resided, or of the newspaper published nearest his residence, containing advertisement of the loss, and of intention to apply for a re-issue.

RESIDENCE, BOARD, &c.

Students not residents in the town, are required to lodge in the College, and to furnish their own rooms. Furniture can be purchased in Carlisle at moderate prices.

No boarding department is kept by the College. Most of the students now board in clubs, or voluntary associations, carefully organized and managed by themselves, constituting families of from fifteen to twenty persons each. The expense varies from \$2 25 to \$2 50 a week. Others board at such private boarding-houses in town as are approved of by the Faculty, in which the price of board varies. Washing is from \$1 00 to \$1 50 per month.

COLLEGE BILLS.

	Fall Term.	Winter and Spring Term.
Tuition by scholarship per year: \$6 25.		
Library and apparatus fee,	\$1 50	\$2 50
Printing, warming recitation-rooms, &c,	3 00	5 00
Room rent,	\$4 00 or 5 00	\$6 00 or 7 00

	Fall Term.	Winter and Spring Term.
Janitor's services,	\$2 00	\$3 00
Incidental repairs, about,	1 00	about 2 00
Expenses of Special Scientific Course,	10 00	15 00
Special Biblical Course,	2 00	3 00
Modern Languages,	2 00	3 00

These are the only College bills, and payment of them to the Treasurer is required during the first month of the term.

SUMMARY OF ANNUAL EXPENSES.

As the College tuition is now, for the most part, paid by Scholarships, the necessary expenses of a student are much reduced. Parents and guardians are invited to examine the following estimates :

Room rent, from	\$10 00 to	\$12 00
Janitor's services,		5 00
Use and warming of recitation-rooms,		8 00
Library and apparatus fee,		4 00
Board, from \$2 50 to \$3 50 per week, from, \$97 00 to		136 00
Washing,		15 00
Fuel, about		8 00
Light, about		6 00
Incidental repairs, about		3 00
For Elective Scientific Course, to cover the expenses of chemicals and apparatus,		25 00
For Elective Biblical Course,		5 00
Modern Languages,		5 00
Minimum total, without elective studies,		161 00
“ total, with elective studies,		191 00
Maximum total, without elective studies,		200 00
“ total, with elective studies,		230 00

OTHER EXPENSES.—In the above summary, no estimate is made for books, clothes, traveling, or other matters outside of the regular College expenses. These will vary according to the habits and circumstances of the student. There is also a small annual expense in the Literary Societies.

FINANCIAL AFFAIRS OF THE STUDENTS.

As economy is indispensable to the welfare of both the College and the student, and all experience teaches that youth should not be allowed the uncontrolled use of money, attention is called to the following extracts from the statutes of the College. Though the faithful observance of these rules may not, in all cases, secure the economy desired, it will doubtless prove a salutary check upon temptation to extravagance and vice.

1. Every minor, whose parent or guardian does not reside in Carlisle, may select some member of the Faculty as his patron, who shall have special oversight of his deportment, and whose duty it shall be to afford such counsel as his circumstances require.

2. All funds for the use of a student shall be deposited with his patron; and no student shall be permitted to remain in the Institution who shall obtain money from any other source, unless he immediately deliver it to his patron.

3. Parents are requested to notify the patron at the beginning of each session what expenses each student is allowed to incur, and the patron shall be strictly governed by such information in his disbursements.

4. No student shall contract any bill without the permission of his patron.

5. College bills have the preference; all others according to the date of presentation: *Provided*, That no bills shall be paid for horse or carriage hire, confectionery, fruit, eatables of any kind, or other articles unnecessary for a student.

6. The patron is at liberty to furnish such pocket money as the parent or guardian may prescribe: *Provided*, It does not exceed what, in his judgment, with the advice of the President, the interests of the student and of the Institution may require.

7. In case any student shall borrow money, or contract any bill, contrary to the rules of the College, he shall be dealt with as for a high offense, and the payment of such bill by him or for him shall subject him to such discipline as the circumstances may demand.

8. In the monthly report of each student, his patron shall state the items of expenditures, since the last report, together with the amount of funds received. The accounts of the patron shall, at all times, be open to the inspection of the President and Faculty.

9. The patron shall not be held personally responsible for any bill of any student. The expenses of correspondence in the discharge of his duties shall be charged to the accounts of the students concerned. As a compensation for trouble and risk, he may charge a commission of three per cent. on all money paid out.

BENEFICIARY FUND.

This fund, arising from the contributions of benevolent friends, and the interest of loans to students, is used to aid young men of limited means, who are preparing for the ministry. The money is loaned to them at three per cent. interest, on their notes, payable after graduation, and thus becomes available, in time, for the aid of others. As the cases of this description, in which a small amount of help may prove of incalculable benefit, are more numerous than the fund affords the means of helping, donations to it, in money or scholarship, are earnestly solicited. They may be forwarded to Prof. C. F. Himes, Treasurer of the College, and *ex-officio* of the Fund.

ENDOWED SCHOLARSHIPS.

The trustees recently authorized the founding of endowed scholarships of ONE THOUSAND DOLLARS EACH, whose object should be to aid in extending the privileges of the College to young men of promise, otherwise unable to command them.

I. Such scholarships may be constituted as follows :

1. The donor of each scholarship shall have the privilege of naming it, and of selecting the student who shall enjoy the income.

2. Scholarships may be maintained by the annual payment of sixty dollars as interest, until the principal sum of one thousand dollars is paid. They lapse, of course, when the interest fails, unless the principal sum has been paid.

3. Churches contributing one thousand dollars each, may, if they desire it, place upon that foundation the sons of their ministers, or, in lieu of that, may nominate some other candidate to receive its avails.

II. Their use shall be subject to the following regulations :

1. Whenever a scholarship becomes vacant, its income, during such vacancy, shall be at the disposal of the Board of Trustees.
2. Candidates for them must, in all cases, present testimonials of good moral character.
3. Those who are placed upon these scholarships must be fully prepared for admission to College, and when admitted, must conform to its laws and regulations.

The creation of such scholarships is very much to be desired. Many young men of excellent promise would, in this way, have the advantages of collegiate education brought within their reach. It may be doubted whether the same sum invested in any other way would accomplish equal good. We earnestly commend this opportunity of extending the usefulness of the College, and of affording perpetual help to worthy young men struggling to fit themselves for active life, to the favorable consideration of those who are concerned to do good with their means.

GENERAL REMARKS.

The government of the institution is mild and parental. It is designed to secure attention to study and correctness of deportment not so much by the enforcement of rigid rules, as by cultivating in the student a taste for intellectual pursuits and virtuous habits. But while youthful indiscretion will be treated with lenity, incurable indolence, bad morals, and pecuniary extravagance, will not be suffered to remain to corrupt the good morals of students.

A faithful record is kept of the standing and deportment of each student, of which a monthly report is made out and sent to the parent or guardian of those who are under age.

Since loss of time is injurious, both to the habits and the scholarship of students, it is desirable that they be present and ready for work at the opening of the session ; and parents and guardians are earnestly requested to discourage all absences from College for the purpose of visiting friends or otherwise, except in urgent cases.

❖❖❖ ALUMNI ASSOCIATION. ❖❖❖

OFFICERS, 1881-2.

President—HON. RUFUS E. SHAPLEY.

Vice President—DAVID J. MYERS, Esq.

Treasurer—WILLIAM R. TRICKETT, Esq.

Recording Secretary—JOHN CORNMAN, Esq.

Corresponding Secretary—Prof. J. A. LIPPINCOTT.

Orator—Rev. R. N. BAER.

Executive Committee—A. F. MULLIN, Esq. ; JAMES BARTON, Jr., Esq. ; Prof. J. A. LIPPINCOTT ; J. L. SHELLEY, Esq. ; and D. M. GRAHAM, Esq.

SOCIETIES.

OFFICERS OF THE GENERAL BELLES LETTRES SOCIETY.

President—LOUIS E. McCOMAS, Esq.

Vice President—Prof. J. A. LIPPINCOTT.

Corresponding Secretary—WILLIAM C. ROBINSON.

Recording Secretary—H. H. LONGSDORF.

Treasurer—A. G. STRITE.

Executive Committee—J. W. WETZEL, Esq.; Rev. T. B. NEELY, A. M.; Prof. J. A. LIPPINCOTT; JAMES HIGGINS.

Poet—Hon. WILLIAM H. RUDDIMAN.

OFFICERS OF THE GENERAL UNION PHILOSOPHICAL SOCIETY.

President—R. L. SIBBETT, M. D.

Vice President—WRIGHT ECKERSLEY.

Secretary—GEORGE C. STULL.

Treasurer—WILBUR F. HORN.

Marshal—S. F. SNIVELY.

Executive Committee—WILBUR F. HORN; Hon. JAMES BARTON; EDWARD HILTON; A. D. B. SMEAD, Esq.; W. K. DARE.

Orator—

OFFICERS OF THE SCIENTIFIC SOCIETY.

President—ROGER S. CARE.

Secretary—JAMES REANEY, Jr.

OFFICERS OF THE SOCIETY OF RELIGIOUS INQUIRY.

President—STEPHEN H. EVANS.

Vice Presidents—FRANKLIN F. BOND, of the Senior Class; JAMES K. RAYMOND, of the Sophomore Class; and D. B. JONES, of the Freshman Class.

Corresponding Secretary—THOMAS N. RAWLINS.

Recording Secretary—AMOS A. ARTHUR.

Treasurer—J. M. RHEY.

Annual Sermon—Sunday, June 25.

COLLEGE YOUNG MEN'S CHRISTIAN ASSOCIATION.

President—GEORGE E. KLEINHENN.

Vice President—JAMES ECKERSLEY.

Corresponding Secretary—R. NEWTON COULSTON.

Recording Secretary—R. T. BOSWELL.

Treasurer—FRANKLIN F. BOND.

PREPARATORY SCHOOL.

This School, which was organized in response to the widely expressed wish of alumni and friends of the College, as, also, to the formal action of one of its patronizing Conferences, has been in operation several years, and with results conclusively evincing the wisdom of its establishment. Its success, which, from the first, was gratifying, leaves no doubt that it meets an actual want. Its conduct is under the immediate supervision of the Faculty of the College.

SPECIAL OBJECT OF THE SCHOOL.

The primary object of this school is the thorough preparation of young men for College, with the greatest economy of time and money. Its course of study is arranged with special reference to this object. By the omission of such branches as belong more properly to the subsequent College course, and by concentration of the whole time and effort of the student upon such as are required for admission, the time of preparatory study can be much shortened without any sacrifice of thoroughness. Students from other schools, who may be partially or imperfectly prepared for College, can have their studies arranged in such a way as to prepare them for admission in the shortest time possible. A preparatory course, requiring less time, is also arranged for such as may desire to pursue the LATIN-SCIENTIFIC COURSE of three years, from which Greek is omitted.

Students in the PREPARATORY SCHOOL, who may not desire to prepare for either of the College courses, are, when qualified to do so to advantage, permitted to pursue such studies in the College as may be approved by the faculty.

Students are received at any time during the year, though entrance at the beginning of a term is, for many reasons, desirable. Special attention is paid to such as may require the work of one or two terms for admission to College the ensuing year.

EXAMINATIONS FOR ADMISSION TO COLLEGE.

As the examinations of the PREPARATORY SCHOOL are made under the supervision of the Faculty, students passing satisfactorily on the studies required for admission to the Freshman Class, will be received without further examination.

ROOMS AND BOARDING.

The members of this school have the privilege of occupying rooms in the College buildings on the same terms as students in the College, and of boarding in the clubs, or other authorized boarding houses. Where parents may prefer it, board and lodging can be obtained in private families. Careful oversight is exercised to guard the morals, and diligent effort made to promote the interests of those connected with the school.

SUMMARY OF ANNUAL EXPENSES.

	Fall Term.	Winter and Spring Terms.
Tuition,	\$10 00	\$20 00
Use and warming of recitation- rooms, printing, &c.,	3 00	5 00
Room rent, and janitor's services, .	\$6 or 7 00	\$9 or 10 00
Board, from \$2 50 to \$3 50 per week, .	33 or 45 00	55 or 91 00
Washing,	5 00	10 00
Fuel,	about 3 00	about 5 00
Light,	about 2 00	about 4 00
Incidental repairs,	about 1 00	about 2 00

From the above summary it will be seen that all necessary expenses, exclusive of books, traveling, etc., range from \$170 to \$204 per scholastic year. In view of the great saving of time in this course of preparation, as compared with that of a more general course, the actual saving of money in thus preparing for College is much greater than would appear from these figures in themselves considered.

ORGANIZATION.

While the school is under the supervision of the Faculty of the College, it is in the immediate charge of Professor James Elden, A. M., a graduate of Allegheny College, and for years a successful teacher in prominent positions.

GENERAL REMARKS.

1. In addition to the advantages of economy in time and money, already indicated as being afforded by this school to those preparing for admission to College, there are advantages of a more general character worthy of appreciation. Among these may be named the privilege of access to the College libraries and reading-room, and to the general literary exercises of the College. The effect of such agencies as these in promoting the improvement of those brought in contact with them, though silent, is often the most decided character.

2. Cumberland Valley, in which Carlisle is located, is unsurpassed in beauty, fertility, and healthiness; and while the inland situation of the school exempts students from many of the temptations to extravagance and irregularity incident to large cities, it yet is easy of access, being connected by several daily trains with Baltimore, Philadelphia, and intermediate and adjacent places.

3. Parents or guardians are furnished a monthly statement of the attention to study, and of the deportment of their sons or wards.

SCHOOL BILLS.

Bills are payable during the first month of the term. No deductions made for less than half a term.

PREPARATORY STUDENTS.

NAMES.	RESIDENCES.	ROOMS.
BEHM, D. R., . . .	Hummelstown, . . .	S. M. Leidich's, Esq.
BREMER, CHARLES, Jr., . . .	Philadelphia, . . .	19 E. C.
CARMON, W. W., . . .	Huntingdon, . . .	18 E. C.
COOVER, J. C., . . .	Harrisburg, . . .	3 E. C.
CRISSMAN, G. D., . . .	Everett, . . .	3 E. C.
DETRICK, JOHN U., . . .	Baltimore, Md., . . .	8 E. C.
FOREMAN, J. H., . . .	Carlisle, . . .	Mr. J. K. Foreman's.
HOWARD, JAMES C., . . .	Loganville, . . .	32 E. C.
LONGSDORF, W. B., . . .	Carlisle, . . .	Mrs. W. B. Longsdorf's.
LEIDICH, PERCY G., . . .	Carlisle, . . .	Mr. D. J. Leidich's.
McKENZIE, HORACE W., . . .	Duncannon, . . .	Mrs. N. R. Stuart's.
McKELLOP, A. E. V., . . .	Muscogee, I. T., . . .	Carlisle Barracks.
PRATT, M. D., . . .	Carlisle Barracks, . . .	Capt. R. H. Pratt's.
REIGART, J. FRANK, . . .	Mechanicsburg, . . .	Rev. S. W. Reigart's.
RIVES, O. E. G., . . .	Nesquehoning, . . .	Mrs. Ralston's.
SPARKLIN, WALTER, . . .	Preston, Md., . . .	29 E. C.
STINE, W. M., . . .	Mechanicsburg, . . .	
SLARROW, JOHH M., . . .	Kettle Creek, . . .	19 E. C.
STUCKEY, S. F., . . .	Everett, . . .	3 E. C.
SHEARER, W. J., . . .	Carlisle, . . .	W. J. Shearer's, Esq.
SUTHERLAND, GEORGE S., . . .	Baltimore, Md., . . .	19 E. C.
SMITH, FRED L., . . .	Hazleton, . . .	41 W. C.
VANCE, CHARLES T., . . .	Carlisle, . . .	Rev. Joseph Vance's.
WALBURN, ALBERT A., . . .	Berrysburg, . . .	32 E. C.
WILSON, R. EDWARD, . . .	Woodberry, Md., . . .	29 E. C.
ZUG, F. D., . . .	Carlisle, . . .	Capt. J. T. Zug's.

MANAGEMENT OF FINANCES.

As the control of money at school, by those inexperienced in its use, is apt to prove the source of many evils, both to students and the schools, it is required that all money intended to defray the expenses of students in this school, who are minors, shall be deposited with the Principal, by whom it will be carefully devoted to its intended purpose, and a detailed statement of expenditures made monthly to parents or guardians.

CALENDAR, 1881-2.

TERMS AND VACATIONS.

1881.

Fall Term begins at 8.45, A. M., Thursday, Sept. 8th.
 Fall Term ends at noon, Tuesday, Dec. 20th.

1882.

Winter Term begins at 8.45, A. M., Wednesday, Jan. 4th.
 Winter Term ends Thursday, April 6th.
 Spring Term begins at 8.45, A. M., Monday, April 10th.
 Spring Term ends Thursday, June 29th.
 Fall Term begins at 8.45, A. M., Thursday, Sept. 14th.

PUBLIC OCCASIONS.

1881.

Thanksgiving Day, Thursday, Nov. 24th.

1882.

Day of Prayer for College, Thursday, Jan. 26th.
 Anniversary of the Bells-Lettres Society, Wednesday, Feb. 22d.
 Anniversary of the Union Philosophical Society, Friday, Feb. 24th.
 Sophomore Prize Contest—Belle-Lettres Society, May.
 Sophomore Prize Contest—Union Philosophical Society, May.
 Sermon before the Society of Religious Inquiry, Sunday, June 25th, 11, A. M.
 Baccalaureate, by the President, Sunday, June 25th, 8, P. M.
 Junior Class Oratorical Prize Contest, Monday, June 26th, 8, P. M.
 Class Day, Tuesday, June 27th, 10, A. M.
 Annual Meeting of Trustees, Tuesday, June 27th, 3, P. M.
 Oration, followed by Poem, before the Literary Society; Orator, ————;
 Poet, Hon. William H. Ruddiman, Tuesday, June 27th, 8, P. M.
 Examination of Candidates for Admission, Wednesday, June 28th.
 Annual Meetings of the General Belles-Lettres and Union Philosophical Societies, Wednesday, June 28th, 9, A. M.
 Annual Meeting of the Alumni Association, Wednesday, June 28th, 3, P. M.
 Alumni Oration, by Rev. Robert N. Baer, A. M., Wednesday, June 28th, 8, P. M.
 Commencement, Thursday, June 29th, 10, A. M.

NECROLOGY.

CHARLES WILSON.

Class of 1878.

Born in Carlisle, Pa.

Professor of Mathematics in West Chester Normal School, and afterwards in Pennington Seminary.

Read law with J. D. S. Cook, Esq., of Kansas City.

Died in Wilmington, Del., February 24, 1881.

Rev. WILLIAM R. HALBERT.

Class of 1864.

Born in Carlisle, Pa., July 4, 1844.

Pursued business for a time, and afterwards studied Theology at Auburn Theological Seminary, graduating in 1870.

Exercised a successful ministry till 1878, when failing health compelled him to relinquish regular work.

Died in Carlisle, April 24, 1881.

JAMES LANIUS HIMES.

Class of 1865.

Born in New Oxford, Adams county, Pa., March 5, 1845 ; graduated in 1865.

Admitted to the bar at York, Pa., 1868.

Removed to Minneapolis, 1869.

Elected city justice of Minneapolis.

Re-elected to the same office in the consolidated cities of Minneapolis and St. Anthony.

Resumed the practice of law.

Died at New Oxford, Adams county, Pa., August 2, 1881.

Rev. AQUILA REESE BENDER.

Class of 1875.

Born in Greencastle, Franklin county, Pa., in 1848.

Admitted to Central Pennsylvania Conference March, 1876, and stationed at Mont Alto.

In 1877 became Professor of Languages in Wilmington Conference Academy, and afterwards Vice Principal of the same.

In 1881, resumed the work of the ministry in Wilmington Conference.

Died in Dorchester county, Md., August 9, 1881.

Rev. FRANCIS B. QUIGLEY.

Entered College in 1877, but was prevented, by circumstances, from completing the course.

Graduated from Drew Theological Seminary, 1880.

Admitted to Wilmington Conference the same year.

Died near Marion Station, Somerset county, Md., August 28, 1881.

Hon. HENDRICK B. WRIGHT.

Class of 1829.

Studied law and was admitted to the bar.

In 1841, elected to the Pennsylvania Legislature; in 1843, chosen Speaker of the House.

In 1844, a member of the National Convention which nominated James K. Polk, for President.

In 1861, elected to Congress, as he was repeatedly thereafter, closing his legislative career March 4, 1881.

In 1877, delivered the oration before the Alumni Association of the College.

Died in Wilkes-Barre, September 2, 1881.

THOMAS L. CATHCART, M. D.

Class of 1826.

Born July 18, 1807.

Graduated from Jefferson Medical College, 1830.

Practiced his profession, first in New Bloomfield, Perry county, afterwards in Dillsburg, York county, and then in Shepherdstown, Cumberland county, in all, a period of twenty years.

His later years were spent in the civil service of the United States, in the Department of the Treasury.

Died in York, Pa., October 28, 1881.

JAMES MITCHELL SHEARER, M. D., F. A. A. S.

Class of 1853.

Born in Dillsburg, York county, December 26, 1834.

Graduated from the Medical Department of the University of Pennsylvania, in 1858.

Assistant Surgeon of the 12th Pennsylvania Reserves during the civil war; on professional duty in Washington, D. C., in many positions of trust, for more than three years of that struggle, a part of the time Surgeon of President Lincoln's body guard.

Subsequently practiced his profession in Dillsburg.

Was a Life Member of the Pennsylvania State Medical Society, and also of the National Medical Association, and Fellow of the American Academy of Medicine.

Died at Dillsburg, December 14, 1881.

In addition to those whom death has stricken from the roll of Alumni, two venerable men, not graduates, but long and actively identified with the interests of the College, have, during the year, been taken from us.

JOHN WHITEMAN, a member of the Board of Trustees from 1860 to 1879, when failing health induced him to resign, and Treasurer of the Education Board of the Philadelphia Conference, in both of which offices he was singularly faithful, died at his home in Philadelphia, April 10, 1881.

CHRISTIAN STAYMAN, thirty-one years a Trustee of the College, and who, in addition to the general duties of that office, had, as member of the Local Executive Committee, by watchful interest and judicious oversight, rendered the College important service, died at his home in Carlisle, September 14, 1881, in the eighty-first year of his age.



INDEX.

	Page.
Abbreviations,	12
Admission, Terms of,	13
Alumni Association,	32
Annual expenses, Summary of,	28
Apparatus, Chemical and Philosophical,	24
Astronomical Observatory,	25
Beneficiary Fund,	30
Biblical Elective Course,	12, 17
Bills, College,	27
Board, Residence, &c.,	27
Books of Reference,	19
Calendar for 1881,	40
Class, Senior,	8
Class, Junior,	9
Class, Sophomore,	10
Class, Freshman,	11
Conference Visitors,	5
Course of Study, Freshman Class,	14
Course of Study, Sophomore Class,	14, 15
Course of Study, Junior Class,	15
Course of Study, Senior Class,	16
Degrees,	7, 21
Elective Studies,	22, 23
Examinations,	21
Executive Committees,	4
Extra Elective Studies,	21
Faculty,	6
Financial Affairs,	29, 30
General Remarks,	31
Instruction, Method of,	22, 23
Libraries,	23
Literary Societies,	24

	Page.
Museum,	24
Necrology,	45
Partial Course,	21
Prizes,	25
Public Worship,	23
Reading-Room,	23
Scholarships,	26
Scholarship, Endowed,	26, 30
School, Preparatory,	35
Scientific Elective Course,	12, 17
Selection of Studies,	20
Societies,	33
Terms and Vacations,	22
Trustees,	3
Trustees, Officers of, Board of,	4

A Sketch of Dickinson College, Carlisle, Pa.

Including the List of Trustees and Faculty from the foundation, and a more particular account of the Scientific Department.

By Charles F. Himes, Ph. D., Professor of Natural Science.

Illustrated by Engravings, and by Photographs executed in the Laboratory.

Lane S. Hart, Harrisburg, Pa.

Well printed, on excellent paper, and handsomely bound in fine cloth, with gilt top and side stamp. 155 pages, 12 mo. Price, \$2, post-paid.

ILLUSTRATIONS—FULL PAGE.—His Excellency John Dickinson; Steel Engraving from Portrait by C. W. Peale. Reverend Charles Nisbet, D. D., First President of Dickinson College; Photograph from Oil Painting in College Chapel. West College; Photograph. Reverend John P. Durbin, D. D., President of Dickinson College, 1833-1845; Engraving. East College; Photograph. South College, (Scientific Department.)—Emory Hall, (Preparatory School;) Photograph. Case of Apparatus, including Burning-Lens and Air-Gun of Dr. Priestly, and Rotascope of Professor Walter R. Johnson; Photograph.

ON SALE AT

Porter & Coates, Ninth and Chestnut Streets, Philadelphia.

Central Pennsylvania M. E. Book Room, Harrisburg, Pa., by Rev. W. M. Frysinger.

Methodist Book Depository, 168 West Baltimore Street, Baltimore, Md., by Rev. D. H. Carroll.

Methodist Book Depository, 1018 Arch Street, Philadelphia, Pa., by Rev. J. B. McCullough.

Williamsport Dickinson Seminary.

AT WILLIAMSPORT, PA.

Offers to young people of both sexes ample facilities for securing a thorough preparation for College, or for business and social life. Students are received at any time, and for a

Single Term or Longer Periods.

The buildings are large and substantial, furnishing comfortable accommodations for nearly

TWO HUNDRED BOARDERS.

They are heated throughout, lighted with gas, and well supplied with pure water.

We have superior appliances in Music and Art, also a well-equipped

COMMERCIAL DEPARTMENT,

Furnishing a Business Education at very moderate rates.

The charges are as low as is compatible with real excellence. Two hundred and three dollars and thirty-three cents (\$203 33) per year, or sixty-one dollars and thirty-three cents (\$61 33) per term of twelve weeks, for Board, Washing, Room, Fuel, Tuition, and Incidentals.

Special Rates to Clergymen and Young Men Preparing for the Ministry.

For information and Catalogue, address,

Rev. EDWARD J. GRAY, A. M.,
President.

✧ Pennington + Seminary. ✧

This is the Seminary of the New Jersey Conference, and is a school of high grade for both sexes. Young men are here fitted for college, for business, or for their professions, it is believed, in the shortest time compatible with thorough work; and young ladies receive a finished college education, receiving the degree of M. E. L. or M. L. A., according to the course pursued. Our Alumni answer for our success, many of them filling high positions in society, and our young men standing high in their classes at Dickinson, Wesleyan, Princeton, and Yale Colleges. The Faculty is large, and composed of men and women of experience and enthusiasm in their work.

While the intellectual interests are thus provided for, it is an axiom with the administration that intellect is valuable only when under the influence and restraints of religion, and those placing young men and women under our charge, may be well assured that their wards will be under kindly moral restraints and direct religious influences.

Our charges we believe to be as reasonable as it is possible to make them, with the comforts and advantages they command.

The school is easily reached from New York, Philadelphia, and Baltimore, and is situated in an eminently healthful location, as is attested by the almost uninterrupted good health of the school.

For catalogue and further information, address,

THOMAS HANLON, D. D..

Pennington, N. J.

(Extract from Visiting Committee's Report.)

The religious interest of the Institution is well sustained, which is saying not a little when it is remembered that no fewer than six hundred of its young men have entered the Christian ministry, and that very many of these regard this as their spiritual birth-place. None who become acquainted with Dr. Hanlon can for a moment fear a decrease in the moral and spiritual welfare of those under his charge. For a school where the largest possible attention is given to health, morals, and mental development, we think none better than Pennington Seminary can be found in the length and breadth of the Connection.

(Signed,)

H. G. WILLIAMS, New Jersey Conference,

S. B. BEST, Philadelphia Conference,

G. V. LEECH, Baltimore Conference,

D. H. HANABURGH, { New York Conference,

C. H. REYNOLDS, }

I. SIMMONS, New York East Conference,

Visiting Committee.

The Conference Academy,

DOVER, DELAWARE.

BOARDING AND DAY SCHOOL FOR BOTH SEXES.

Fine location, ample grounds, new and modern buildings, pleasant rooms, three graduating courses, and College preparatory.

PRICES REDUCED!

BOARD, WASHING, TUITION, AND FURNISHED ROOMS,

\$200 per year of FORTY WEEKS.

FURTHER REDUCTIONS TO MINISTERS.

THE CONFERENCE ACADEMY

Is rapidly growing in effective work, and in public favor. We have a rare advantage in the matter of *Climate, Location. Means of Access, Buildings, Rooms, Boarding and Home Regulations, Supervision, Discipline.*

For the promotion of Intellectual and Moral Growth, we have the needed appliances in the matter of *Faculty, Library, Apparatus, Cabinet, Herbarium, Art Models, Reading-Room, Literary Societies, Religious Exercises, Churches.* We offer the same advantages for both sexes.

For Catalogue, address the Principal,

R. H. SKINNER, A. M.,

Dover, Delaware.

